PTO/SB/05 (4-98)
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UTILITY
PATENT APPLICATION
TRANSMITTAL

First Inventor or Application Identifier **HASSELBRINK**

SD-8386.1

	ANSMITTAL		Title	MOBILE MONOLITH POLYMER ELEMENTS FOR FLOW CONTROL IN MICROFLUIDIC SYSTEMS						
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b).			ess Mail Label No. EL177882145US							
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				ADDRESS TO: MS Patent Application Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450						
1. Submi	*Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and duplicate for fee processing) Specification [Total Pages 39]				Microfiche Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission					
(prefer	red arrangement set forth below) riptive title of the Invention s References to Related Applica	(if applicable, all necessary) a. Computer Readable Copy								
- Refe	ement Regarding Fed sponsored rence to Microfiche Appendix ground of the Invention	R&D		b. Paper Copy (identical to computer copy) c. Statement verifying identity of above copies						
	Summary of the Invention			<u> </u>			ICATION PARTS			
	Description of the Drawings (if i	filed) ،	1	ACCOMI	AITTI	IG AFFE	IOATIOIT AITIO			
- Detai	iled Description			7. Assignme	nt Paper	s (cover sh	neet & document(s))			
- Clain - Abstı	n(s) ract of the Disclosure			8. 37 C.F.R. (when the			nt			
				9. English Tr (if applical	ble)		Power of Attorney			
3. Drawii	ng(s) (35 U.S.C. 113) [Total Sheets	s 10]		10. Statement						
4. Oath o	11. Copies of IDS Citations									
a	vly executed (original or copy)					stcard (MF cally itemiz				
	by from a prior application (37 C.F. continuation/divisional with Box 16 com DELETION OF INVENTOR(S)		(a))	*Small Ent 13. Statement (PTO/SB/	(s)		atement filed in prior applicati atus still proper and desired	ion,		
i. <u> </u>	Signed statement attached deleti- inventor(s) named in the prior app see 37 C.F.R. §§ 1.63(d)(2) and	plication,				Priority Doc s <i>claimed)</i>				
				15. Other:						
*NOTE FOR ITEMS 1 FEES, A SMALL ENTI ONE FILED IN A PRIC	& 13: IN ORDER TO BE ENTITLED TO PAY SMA TY STATEMENT IS REQUIRED (37 C.F.R. § 1.27 OR APPLICATION IS RELIED UPON (37 C.F.R. §	LL ENTITY 1), EXCEPT IF 1.28).		_				<u>-</u>		
	UING APPLICATION, check app									
	tion 🛛 Divisional 🔲 Continuati on information: Examiner J. V. Th	-		of prior application	n No.: <u>10</u> -/ Art Uni		<u></u>			
For CONTINUATIO	ON or DIVISIONAL APPS only: The	e entire dis	sclosure	of the prior application	n, from w	vhich an oa	ath or declaration is supplied	l.		
under Box 4b, is c reference. The ind	onsidered a part of the disclosure corporation can only be relied upo	of the acc	compan portion	ying continuation or div has been inadvertently	visional a omitted	applicatior from the s	n and is hereby incorporated submitted application parts.	by		
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	<u></u>	sert Custorn		tomer # r Attach bar code label here	or	Corres	pondence address below			
A/	imothy P. Evans IS 9031									
S	Sandia National Laboratories									
	011 East Avenue,									
. —	iverm r ,	State	CA			Zip Code	94550			
	SA Timethy R Fyens	Telephon	- ' ' ' '	5) 294-3690	cont)	Fax	(925) 294-3389			
Name (Print/Type) Timothy P. Evans Registration No. (Attorney/Agent) Signature 41,813 Date 9/4/03										
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FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Signature

Complete if Known **NOT ASSIGNED** Application Number September 4, 2003 Filing Date HASSELBRINK First Named Inventor NOT ASSIGNED Examiner Name **NOT ASSIGNED** Group / Art Unit

TOTAL AMOUNT OF PAYMENT (\$)1198.00	OTAL AMOUNT OF PAYMENT (\$)1198.00 Attorney Docket No. SD-8386.1								
METHOD OF PAYMENT (check one) FEE CALCULATION (continued)									
The Commissioner is hereby authorized to charge 3. ADDITIONAL FEES									
indicated fees and credit any over payments to: Deposit Account	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Desc	cription	Fee Paid		
Number 50-0583	1051	130	2051	65	Surcharge - late filing fee	or oath			
Deposit Account Name SNL BY KCO	1052	50	2052	25	Surcharge – late provisio sheet				
Charge Any Additional Fee Required Under	1053	130	1053	130	Non-English specification	ı			
37 CFR 1.16 and 1.17	1812	2,520	1812	2,520	For filing a request for rea	examination			
Payment Enclosed: Check Money Order Other	1804	920*	1804	920*	Requesting publication of Examiner action	SIR prior to			
FEE CALCULATION	1805	1,840	1805	1,840	Requesting publication of	SIR after Examiner	Ì		
	1251	110	2251	55	Extension for reply within	for reply within first month			
1. BASIC FILING FEE	1252	400	2252	200	Extension for reply within	second month			
Large Entity Small Entity Fee Fee Fee Fee Description Fee	1253	920	2253	460	Extension for reply within	third month			
Code (\$) Code (\$) Paid	1254	1,440	2254	720	Extension for reply within	fourth month			
1001 740 2001 370 Utility filing fee 750.	1255	1,960	2255	980	Extension for reply within	fifth month			
1002 330 2002 165 Design filing fee 1003 510 2003 225 Plant filing fee	1401	320	2401	160	Notice of Appeal				
1003 510 2003 223 Flatt lilling fee	1402	320	2402	160	Filing a brief in support of	f an appeal			
1004 740 2004 300 Heissue Hilling 169	1403	280	2403	140	Request for oral hearing				
fee	1451	1,510	138	1,510	Petition to institute a pub	lic use proceeding			
SUBTOTAL (1) 750.00	1452	110	2452	55	Petition to revive - unavo	idable			
	1453	1,280	2453	640	Petition to revive - uninte	ntional			
2. EXTRA CLAIM FEES	1501	1,280	2501	640	Utility issue fee (or reissu	ie)			
Extra Claims Req. Fee Fee Paid	1502	460	2502	230	Design issue fee				
Total Claims 18 -20**= 00 X 18 = 00. Independent 5 - 3**= 2 X 84 = 168.		620	2503	310	Plant issue fee				
		130	1460	130	Petitions to the Commiss	ioner			
Claims	1807	50	1807	50	Petitions related to provis	sional applications			
Multiple Dependent 1 = 280.	1806	180	1806	180	Submission of Informatio	n Disclosure Stmt			
**or number previously paid, if greater, For Reissues, see below. Large Entity Small Entity	8021	40	8021	40	Recording each patent a				
Fee Fee Fee Fee Description Code (\$) Code (\$)	1809	740	2809	370	Filing a submission after	•			
1201 84 2202 42 Independent claims in excess of 3	4040	740	0010	070	(37 CFR 1.129(a))	dian to be assessed	 		
1202 18 2201 9 Claims in excess of 20 1203 280 204 140 Multiple dependent claim, if not paid	1810	740	2810	370	For each additional inver (37 CFR 1.129(b))	mon to be examined			
1204 84 2204 42 **Reissue independent claims		Oth	er fee (specify)	•				
over original patent		Oth	er fee (specify)					
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent	l								
	1	*Red	uced by	Basic I	Filing Fee Paid	SUBTOTAL (3)			
SUBTOTAL (2) (\$) 448.00									
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Name (Print/Type) Timothy P. Evans		nplete Number	(if applicable)	T-1 (00E) 00	3600				
Name (Print/Type) Timothy P. Evans				mey/Age		Telephone (925) 294			

Signature

Date

9/4/63

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